

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1. (Currently Amended) A space saving home comfort device for providing a flow of exhaust air to an upper portion of a user's body at an elevation above a mounting surface comprising:

a base for engaging said mounting surface;

a support column having a first end connected to said base and extending upward from said base to a second end;

a an elongate housing connected to said second end of said support column, said housing comprising a bottom, a top, and at least one outer wall extending between said bottom and said top, said housing having a longitudinal length that extends upward from said bottom to said top and having a maximum cross-sectional width taken along a horizontal plane through said housing, wherein said longitudinal length is at least 1.5 times said maximum cross-sectional width;

a rise height defined by a distance from said second end of said support column to said mounting surface, wherein said rise height is at least 40% of said longitudinal length of said housing;

an air inlet and ~~an~~ a substantially vertically oriented elongate air outlet in said housing; and

an air generator disposed within said housing and in fluid communication with said air inlet and said air outlet, said air generator comprising an air impeller having a substantially vertical axis of rotation.

2. (Original) The space saving home comfort device of claim 1, wherein said rise height is at least 12 inches.

3. (Original) The space saving home comfort device of claim 1, wherein said longitudinal length of said housing is less than about 30 inches.

4. (Original) The space saving home comfort device of claim 1, wherein an overall length of said device is defined by a distance from a bottom of said base to said top of said housing, said overall length being at least 45 inches.

5. (Original) The space saving home comfort device of claim 1, wherein said maximum cross-section width of said housing is less than about 90% of said longitudinal length of said housing.

6. (Original) The space saving home comfort device of claim 1, wherein said maximum cross-section width of said housing is less than about 12 inches.

7. (Original) The space saving home comfort device of claim 1, further comprising a rotator mechanism for moving said housing relative to said base.

8. (Original) The space saving home comfort device of claim 7, wherein said rotator mechanism comprises an oscillator for oscillating said housing relative to said base about a substantially vertical axis of rotation.

9. (Original) The space saving home comfort device of claim 7, wherein said rotator mechanism comprises a rotator for one of continuous rotating and step-wise rotating said housing relative to said base about a substantially vertical axis of rotation.

10. (Original) The space saving home comfort device of claim 7, wherein said rotator mechanism is disposed between one of i) said base and said support column and ii) said support column and said housing.

11. (Original) The space saving home comfort device of claim 1, wherein said housing rotates about an axis of rotation, said axis of rotation substantially aligned with a longitudinal axis of said support column.

12. (Original) The space saving home comfort device of claim 1, wherein said housing rotates about a first axis of rotation and said air generator has a second rotational axis, said first axis of rotation substantially parallel to said second rotational axis.

13. (Original) The space saving home comfort device of claim 1, further comprising:

an area of oscillation defined by an area of movement of said housing about an axis of rotation, a maximum width of said area of oscillation taken along a horizontal plane through said housing; and

a base envelope defined by an area taken along a horizontal plane through a lower portion of said base, a maximum width of said base envelope taken along a horizontal plane through said base,

wherein said maximum width of said area of oscillation is less than said maximum width of said base envelope.

14. (Original) The space saving home comfort device of claim 13, wherein said maximum width of said area of oscillation is less than 70% of said maximum width of said base envelope.

15. (Original) The space saving home comfort device of claim 13, wherein said maximum width of said area of oscillation is substantially equal to said maximum cross-sectional width through said housing.

16. (Original) The space saving home comfort device of claim 1, wherein said air generator further comprises a high velocity, low thrust blower assembly wherein, said blower assembly includes at least one impeller and generates said flow of exhaust air having a maximum velocity of at least about 400 fpm when measured 6 feet from said housing; and

said blower assembly generates a thrust between about 0.1 lbs and about 0.3 lbs in a direction opposite to a direction of said flow of exhaust air to minimize a resultant thrust to allow said base.

17. (Original) The space saving home comfort device of claim 16, wherein said flow of exhaust air has an overall area that substantially conforms to a width and a height of a user's torso.

18. (Original) The space saving home comfort device of claim 16, wherein the length of said impeller or the combined length of multiple impellers is less than 45% of an overall length of said device, wherein said overall length is defined by a distance from a bottom of said base to said top of said housing.

19. Canceled.

20. (Currently Amended) ~~The space saving home comfort device of claim 19, A~~  
space saving home comfort device for providing a flow of exhaust air to an upper portion of a  
user's body at an elevation above a mounting surface comprising:

a base for engaging said mounting surface;

a support column having a first end connected to said base and extending upward  
from said base to a second end;

a housing connected to said second end of said support column, said housing  
comprising a bottom, a top, and at least one outer wall extending between said bottom and  
said top, said housing having a longitudinal length that extends upward from said bottom to  
said top and having a maximum cross-sectional width taken along a horizontal plane through  
said housing, wherein said longitudinal length is at least 1.5 times said maximum cross-  
sectional width;

a rise height defined by a distance from said second end of said support column to  
said mounting surface, wherein said rise height is at least 40% of said longitudinal length of  
said housing;

an air inlet and an air outlet in said housing; and

a unitary blower assembly disposed within said housing and in fluid communication  
with said air inlet and said air outlet;

wherein said unitary blower assembly further comprises a centrifugal blower  
assembly comprising:

a motor having at least one output shaft;

at least one rotating impeller connected to said at least one output shaft; and

a cartridge having a scroll casing, an air inlet port, and an air outlet port,

wherein said motor and said at least one impeller are housed in said cartridge.

21. (Original) The space saving home comfort device of claim 20, wherein said  
motor and said at least one impeller are pre-assembled in said cartridge, and said pre-

assembled cartridge which can be pre-tested and installed in said housing during assembly of said home comfort device.

22. (Original) The space saving home comfort device of claim 1, wherein said rise height is between about 40% to about 400% of said longitudinal length of said housing.

23. (Original) The space saving home comfort device of claim 1, wherein an overall length of said device is defined by a distance from a bottom of said base to said top of said housing, and said rise height is greater than about 29% of said overall length of said home comfort device.

24. (Original) The space saving home comfort device of claim 1, wherein an overall length of said device is defined by a distance from a bottom of said base to said top of said housing, and said rise height is between about 29% and about 80% of said overall length of said home comfort device.

25. (Original) The space saving home comfort device of claim 1, wherein an overall length of said device is defined by a distance from a bottom of said base to said top of said housing, and said longitudinal length of said housing is less than about 68% of said overall length of said home comfort device.

26. (Original) The space saving home comfort device of claim 1, wherein an overall length of said device is defined by a distance from a bottom of said base to said top of said housing, and said longitudinal length of said housing is between about 20% and about 68% of said overall length of said home comfort device.

27. (Original) The space saving home comfort device of claim 1, wherein an overall length of said device is defined by a distance from a bottom of said base to said top of said housing, and said rise height is at least 12 inches, said longitudinal length of said housing is between about 15 inches and about 30 inches, and said overall length of said home comfort device is at least 45 inches.

28. (Original) The space saving home comfort device of claim 1, further comprising a minimum set back distance between a leading edge of an impeller of said air generator and an air outlet grill of said housing, wherein said minimum set back distance is at least 20% of a diameter of said impeller.

29. (Original) The space saving home comfort device of claim 1, wherein said support column further comprises an adjustable support column for adjusting a height of the housing above said mounting surface.

30. (Original) The space saving home comfort device of claim 1, wherein said flow of exhaust air has an overall area that substantially conforms to a width and a height of a user's torso.

31. (Original) A space saving home comfort device comprising:

a base for stabilizing said home comfort device on a mounting surface;

a housing having an elongated shape, a longitudinal length of said housing being at least 1.5 times a maximum cross-sectional width of said housing taken along a horizontal plane of said housing;

a support column for elevating said housing above said base;

a non-operating configuration when said home comfort device is disassembled for shipment from a place of manufacturing to a place of sale, in said non-operating configuration said home comfort device comprises:

said base disconnected from said support column; and

said support column disconnected from said housing;

an operating configuration when said home comfort device is assembled for operation, in said operating configuration said home comfort device comprises:

said base having a maximum cross-sectional width;

said support column having a first end connected to said base and extending upward to a second end;

a rise height defined by a distance from said second end of said support column above a bottom of said base, wherein said rise height is at least 40% of said longitudinal length of said housing; and

said housing connected to said second end of said support column, said longitudinal length of said housing extending upward.

32. (Original) The space saving home comfort device of claim 31, wherein said base is a split base having at least a first portion and a second portion that can be separated for compact storage in said non-operating configuration and can be assembled as said base in said operating configuration to support said housing on said riser.

33. (Original) The space saving home comfort device of claim 31, wherein said support column is a collapsible support column having at least two members, wherein each of said at least two members have substantially the same length and respective different diameters such that each successive smaller diameter member slides into an adjacent member having a larger diameter, wherein in said non-operating configuration said members are collapsed and in said operating configuration said members are adjustable between a minimum length where said members are substantially collapsed and a maximum length wherein said members are extended with respect to one another.

34. (Original) The space saving home comfort device of claim 31, wherein said support column further comprises at least two members, wherein each of said at least two members can be separated from one another when said home comfort device is in said non-operating configuration.

35. Canceled.

36. (Currently Amended) The space saving home comfort device of claim ~~35~~ 37, wherein said support member further comprises more than one component assembled together to form said support member.

37. (Currently Amended) ~~The space saving home comfort device of claim 35, A~~  
space saving home comfort device comprising:

a base for stabilizing said home comfort device on a mounting surface;

a housing having an elongated shape, a longitudinal length of said housing being at least 1.5 times a maximum cross-sectional width of said housing taken along a horizontal plane of said housing;

a support column for elevating said housing above said base;

wherein said support column and said base are combined into a single support member;

a non-operating configuration when said home comfort device is disassembled for shipment;

wherein said support member is decoupled from said housing and said housing is disposed within said support member in a said non-operating configuration for shipment ~~from a place of manufacturing to a place of sale;~~

an operating configuration when said home comfort device is assembled for operation, in said operating configuration said home comfort device comprises:

said support member extending upward from said mounting surface to a second end;

a rise height defined by a distance from said second end of said support member above a bottom of said base, wherein said rise height is at least 40% of said longitudinal length of said housing; and

said housing connected to said second end of said support member, said longitudinal length of said housing extending upward.

38. (Currently Amended) The space saving home comfort device of claim 31, further comprising an air generator wherein said air generator further comprises one of a transverse blower assembly and/or a unitary blower assembly.

39. (Original) The space saving home comfort device of claim 31, further comprising an air generator wherein said air generator comprises a high velocity, low thrust blower assembly, said maximum cross-sectional width of said housing is less than 12 inches and said maximum cross-sectional width of said base is less than 20 inches, said maximum cross-sectional width of said housing is less than said maximum cross-sectional width of said base, said blower assembly generates a flow of exhaust air of at least about 400 fpm, when measured 6 feet from said housing, and said blower assembly generates a low thrust between about 0.1 lbs and about 0.3 lbs in a direction opposite to a direction of said flow of exhaust air to minimize a resultant thrust.



40. (Original) The space saving home comfort device of claim 39, wherein said flow of exhaust air has an overall area that substantially conforms to a width and a height of a user's torso.

41. (Original) The space saving home comfort device of claim 31, wherein said home comfort device in said operating configuration further comprises said housing, where a maximum cross-sectional width of said housing is less than about 90% of said longitudinal length of said housing.

42. (Original) The space saving home comfort device of claim 31, wherein said rise height is between about 40% and about 400% of said longitudinal length of said housing.

43. (Original) The space saving home comfort device of claim 31, further comprising an overall length of said home comfort device defined by a distance between a bottom of said base and a top of said housing, wherein said rise height is greater than about 29% of said overall length of said home comfort device.

44. (Original) The space saving home comfort device of claim 31, further comprising an overall length of said home comfort device defined by a distance between a bottom of said base and a top of said housing, wherein said rise height is between about 29% and about 80% of said overall length of said home comfort device.

45. (Original) The space saving home comfort device of claim 31, further comprising an overall length of said home comfort device defined by a distance between a bottom of said base and a top of said housing, wherein said longitudinal length of housing is less than about 68% of said overall length of said home comfort device.

46. (Original) The space saving home comfort device of claim 31, further comprising an overall length of said home comfort device defined by a distance between a bottom of said base and a top of said housing, wherein said longitudinal length of housing is between about 20% and about 68% of said overall length of said home comfort device.

47. (Original) The space saving home comfort device of claim 31, further comprising an overall length of said home comfort device defined by a distance between a bottom of said base and a top of said housing, wherein said rise height is at least 12 inches, said longitudinal

length of said housing is between about 15 inches and about 30 inches, and said overall length of said home comfort device is at least 45 inches.

48. (Original) The space saving home comfort device of claim 31, wherein said home comfort device in said non-operating configuration further comprises a box containing said base, said support column, and said housing, wherein said box has a length less than about 23 inches, a width less than about 9 inches, and a height of less than about 9 inches.

49. (Original) The space saving home comfort device of claim 31, further comprising an air generator disposed within said housing.

50. (Original) The space saving home comfort device of claim 49, wherein said air generator comprises a unitary blower assembly, said unitary blower assembly further comprising a centrifugal blower assembly including i) a motor having at least one output shaft; ii) at least one rotating impeller connected to said at least one output shaft; and iii) a cartridge having a scroll casing, an air inlet port, and an air outlet port, said motor and said at least one impeller being housed in said cartridge.

51. (Original) The space saving home comfort device of claim 50, wherein said motor and said at least one impeller are pre-assembled in said cartridge, and said pre-assembled cartridge is pre-tested and installed in said housing during assembly of said home comfort device from said non-operating configuration to said operating configuration.

52. (Original) The space saving home comfort device of claim 31, further comprising an air generator, wherein said air generator is used to generate a flow of exhaust air, said flow of exhaust air having an overall area that conforms to a width and a height of a user's torso.

53. (Original) A space saving home comfort device for providing a flow of air to an upper portion of a user's body at an elevation above a mounting surface comprising:

a base for engaging said mounting surface;

a support column having a first end connected to said base and extending upward from said base to a second end;

a housing connected to said second end of said support column, said housing comprising a bottom, a top, and at least one outer wall extending between said bottom and

said top, said housing having a longitudinal length of less than 30 inches extending upward from said bottom to said top and having a maximum cross-sectional width taken along a horizontal plane through said housing, wherein said longitudinal length is at least 1.5 times said maximum cross-sectional width;

a rise height of at least 12 inches defined by a distance from said second end of said support column to said mounting surface, wherein said rise height is at least 40% of said longitudinal length of said housing;

an air inlet and an air outlet in said housing;

an air generator disposed within said housing and in fluid communication with said air inlet and said air outlet, said air generator providing exhaust air having an overall area when measured at six feet from said housing that conforms to a width and a height of a user's torso; and

an overall length defined by a distance from a bottom of said base to said top of said housing, said overall length being at least 45 inches,

wherein said housing rotates about a first axis of rotation and said air generator has an second rotational axis, said first axis of rotation substantially parallel to said second rotational axis.

54. (New) The space saving home comfort device of claim 1, wherein said support column comprises a maximum cross-sectional width, and wherein said maximum cross-sectional width of said support column is substantially equal to said maximum cross-sectional width of said housing.

55. (New) The space saving home comfort device of claim 1, wherein said support column is an extension of said housing.

56. (New) The space saving home comfort device of claim 1, wherein said support column comprises a maximum cross-sectional width, and wherein said maximum cross-sectional width of said support column is greater than said maximum cross-sectional width of said housing.